Berkeley Ballot Audit Report
Election: Town of Moncks Corner Council 2nd Runoff
Audit Date: 10:26:0, Thu Jul 30, 2015

Prec	Precinct		---------------EL30A--------------	------------------Audit-----------------					
Nber	Name		Total	Opt	iVo	Flash| iVo	Opt	Man	Delta	Comments
0031	Moncks Corner 1		130	0	130	0	130	0	0	0	
0032	Moncks Corner 2		129	0	129	0	129	0	0	0	
0033	Moncks Corner 3		109	0	109	0	109	0	0	0	
0034	Moncks Corner 4		180	0	180	0	180	0	0	0	
0059	Whitesville 1		4	0	4	0	4	0	0	0	
0067	Fox Bank		18	0	18	0	18	0	0	0	
0070	Old 52		18	0	18	0	18	0	0	0	
Precincts Total:			588	0	588	0	588	0	0	0	
0750	Absentee		104	22	82	0	82	22	0	0	
0800	Emergency		0	0	0	0	0	0	0	0	
0850	Failsafe		0	0	0	0	0	0	0	0	
0900	Provisional		1	1	0	0	0	1	0	0	
Virtual Precincts Total:			105	23	82	0	82	23	0	0	
Grand Total:			693	23	670	0	670	23	0	0	

NOTE: Any manual entries shown on this report are supported by the Manual
Entry log (EL68).

Auditor's Comments:
        Total number of iVotronic ballots cast containing no votes: 2
        The following precincts have no ballots cast in them: Emergency,
Failsafe
        This audit is complete and has no exceptions.

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
670	670	670
Delta from EL30A	0	0
	Delta from EL155	0

| | Cast By Voter | 670 |

```
                    | Cast By Poll Wkr |              0 |
                    | Blank Cast by PW |              0 |
                    +------------------+---------------+
                    | Cancelled Ballots|              1 |
                    +------------------+---------------+
                    |      Wrong Ballot |              0 |
                    |      Voter Left AB |              0 | (AB = After
ballot selected by poll worker.)
                    |      Voter Left BB |              0 | (BB = Before
ballot selected by poll worker.)
                    |      Voter Request |              0 |
                    |   Printer Problem |              0 |
                    | Terminal Problem |              0 |
                    |      Other Reason |              1 |
                    +------------------+---------------+
```

Number of audio (ADA) events in this election: 0

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report,
the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt),
iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from
the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical
scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type
of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all
of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used
to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots
cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots
cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as
part of the audit process. That process combines the individual machine data into two master audit
files, the EL155 Vote image log and the EL152 iVotronic event log.
The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine
0counting the number of asterisks in a precint we get the number of ballots cast in that precinct. That

number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electonically readable audit files. So if the audit data iVotronic total
does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical
scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then
the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo
or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals.
If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo,
the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data
is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta
value is less than zero then there are more ballots in the audit data than there are in the tabulated data
and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the
iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data.
In the case of missing tabulated data, it might be possible to identify a machine that has the same number
of ballots cast as the delta value and that number and ballot count will be highlited with a < sign.
If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report
This table should indicate that the nubmer ballots cast in the EL30A match the numbers in the EL155 and
the EL152 report. Then there are some statistics pulled from the EL152 repor that indicate how many
ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that
were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen
from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to
validate the poll worker's choice.

Berkeley EL30A45A Comparison Report
Election: Town of Moncks Corner Council 2nd Runoff
Audit Date: 10:27:50, Thu Jul 30, 2015

	EL30A					EL45A				
Office	Tot	Opt	iVo	Flash	Candidate	Tot	Opt	iVo	Flash	Party Delta
Town Council					Jay Law					
	334	7	327	0		334	7	327	0	0
Town Council					Chad Sweatman					
	357	16	341	0		357	16	341	0	0

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in
the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that
contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt),
iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from
the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical
scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type
of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all
of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used
to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots
cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots
cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt),
iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report.

The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A
report. Each of the values in each line on the EL30A side must match the same value on the EL45A side
and the Delta value must be zero.

Berkeley EL152/El155 Votes Comparison Report

This report is a comparison of the ballots cast in the two audit files.

```
+-----EL152-----+---------EL155------------------+-----+
|Machine Ballots|Precinct(s)              Ballots|Delta|
+---------------+-------------------------------+-----+
+---------------+-------------------------------+-----+
+---------------+-------------------------------+-----+
```

Berkeley EL152/El155 Votes Comparison Report

This report is a comparison of the ballots cast in the two audit files.

```
+-----EL152-----+---------EL155------------------+-----+
|Machine Ballots|Precinct(s)              Ballots|Delta|
```

Array of unique EL30A non matches
0: |Town Council|

Array of unique EL155 non matches
0: |MUN0004 Town Council|

Berkeley PEB Exceptions Report
Election: Town of Moncks Corner Council 2nd Runoff
Audit Date: 10:26:0, Thu Jul 30, 2015

WARNING: Precincts listed in this report have used more than one PEB to
open or close
         iVotronic Machines. Inspect all the precinct materials closely,
especially the
         Precinct Polling Results Tape to be sure that you have collected
PEB data
         from all the iVotronic machines assigned to that precinct.

Precinct   PEBs Used   Comments

```
Berkeley PEB Exceptions Report
Election: Town of Moncks Corner Council 2nd Runoff
Election date: 07/28/2015
Audit Date: 10:26:0, Thu Jul 30, 2015

iVo # Op PEB      Open Time        Cl PEB      Close Time        Exception
Type  Precinct - Ballots Cast

5126965    229806      07/20/2015 17:13:47    229806      07/28/2015
19:02:21    >>Open Date<<    Absentee - 26
5126965    229806      07/20/2015 17:13:47    229806      07/28/2015
19:02:21    Open Time   Absentee - 26
5129343    229806      07/20/2015 17:15:55    229806      07/28/2015
19:01:44    >>Open Date<<    Absentee - 56
5129343    229806      07/20/2015 17:15:55    229806      07/28/2015
19:01:44    Open Time   Absentee - 56


How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions
in the iVotronic Event log;

  1: A machine that was opened and closed by different PEBs
  2: A Machine that was not opened on Election Date - could be either an
absentee or test machine
  3: A Machine that was not closed on Election Date - could have had
problem closing
  4: A Machine that was not opened by 7 am - note most Absentee machines
will show up here
  5: A Machine that was closed before 7pm - polls close at 7 PM
  6: A Machine that was not closed ever.
  7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each
line contains the following information:
iVotronic machine number,Opening PEB Number, Open Time, Closing PEB
Number, Closing Time, the Exception Type and
the Precinct and the Ballots Cast on that machine.

Absentee and Failsafe precint machines are opened during the middle of
the day several days before the election date
of 07/28/2015. So it is normal for these machines to appear on this
report with Open Date and Open Time exceptions.
```

```
Berkeley PEB Open/Close Report
Election: Town of Moncks Corner Council 2nd Runoff
Audit Date: 10:26:0, Thu Jul 30, 2015

Precinct                    Machine   PEB Used   PEB Used
                                      to Open    to Close
Moncks Corner 1             5122218   229798     229798
Moncks Corner 1             5126434   229798     229798
Moncks Corner 1             5130549   229798     229798
Moncks Corner 2             5122218   229798     229798
Moncks Corner 2             5126434   229798     229798
Moncks Corner 2             5128341   229798     229798
Moncks Corner 2             5130549   229798     229798
Moncks Corner 3             5122218   229798     229798
Moncks Corner 3             5126434   229798     229798
Moncks Corner 3             5128341   229798     229798
Moncks Corner 3             5130549   229798     229798
Moncks Corner 4             5122218   229798     229798
Moncks Corner 4             5126434   229798     229798
Moncks Corner 4             5130549   229798     229798
Whitesville 1               5130549   229798     229798
Fox Bank                    5122218   229798     229798
Fox Bank                    5130549   229798     229798
Old 52                      5122218   229798     229798
Old 52                      5130549   229798     229798
Absentee                    5126965   229806     229806
Absentee                    5129343   229806     229806
```

The following precinct(s) have no ballots cast in them: Emergency,
Failsafe
Note: if there are no ballots cast in a precinct the machines in that
precinct
cannot be identified so the machines in these precinct(s) will not appear
in this report.

Berkeley PEB Use Report
Election: Town of Moncks Corner Council 2nd Runoff
Audit Date: 10:26:0, Thu Jul 30, 2015

Precinct   PEBs Used   Comments

Moncks Corner 1   229798
Moncks Corner 2   229798
Moncks Corner 3   229798
Moncks Corner 4   229798
Whitesville 1   229798
Fox Bank   229798
Old 52   229798
Absentee   229806

8 precincts processed

The following precinct(s) have no ballots cast in them: Emergency,
Failsafe
Note: if there are no ballots cast in a precinct the machines in that
precinct
cannot be identified so these precinct(s) will not appear in this report.

How to read this report.

This is the PEB Used report. It lists the precints found in the Audit
data and lists all
the PEBs that were used by the poll workers to open and close the
iVotronic machines in that.
precinct.

If more than one PEB is used to open and close all the iVotronic machines
in a precinct,
then the County Election Commission must read ALL the PEBs used in that
precinct to
assure that they have collected all the ballots from that precinct. A
county whose report shows
a precinct that has machines open or closed by more than one PEB should
double check the Ballot
Audit Report against the iVotronic paper tapes and the Poll Book to make
sure that all the
ballots have been collected and tabulated.

```
Berkeley Vote Level Audit Report
Election: Town of Moncks Corner Council 2nd Runoff
Audit Date: 10:27:22, Thu Jul 30, 2015

Precinct Number / Name
|-------------------EL30A----------------|-----Audit-------|
Office                                    Candidate              Party
|   Total    Optical      iVo    Flash  |   iVo    Delta| Comments
----------------------------------------------------------------------
----------------------------------------------------------|

0031  Moncks Corner 1
Town Council                              Jay Law
63        0        63        0        63        0
Town Council                              Chad Sweatman
66        0        66        0        66        0

0032  Moncks Corner 2
Town Council                              Jay Law
43        0        43        0        43        0
Town Council                              Chad Sweatman
86        0        86        0        86        0

0033  Moncks Corner 3
Town Council                              Jay Law
70        0        70        0        70        0
Town Council                              Chad Sweatman
39        0        39        0        39        0

0034  Moncks Corner 4
Town Council                              Jay Law
80        0        80        0        80        0
Town Council                              Chad Sweatman
99        0        99        0        99        0

0059  Whitesville 1
Town Council                              Jay Law
2        0         2        0         2        0
Town Council                              Chad Sweatman
2        0         2        0         2        0

0067  Fox Bank
Town Council                              Jay Law
12        0        12        0        12        0
Town Council                              Chad Sweatman
6        0         6        0         6        0

0070  Old 52
Town Council                              Jay Law
13        0        13        0        13        0
Town Council                              Chad Sweatman
5        0         5        0         5        0

0750  Absentee
Town Council                              Jay Law
51        7        44        0        44        0
Town Council                              Chad Sweatman
53       15        38        0        38        0

0800  Emergency
```

```
Town Council                              Jay Law
0         0         0         0 * No Audit Data expected or found
Town Council                              Chad Sweatman
0         0         0         0 * No Audit Data expected or found


0850  Failsafe
Town Council                              Jay Law
0         0         0         0 * No Audit Data expected or found
Town Council                              Chad Sweatman
0         0         0         0 * No Audit Data expected or found


0900  Provisional
Town Council                              Jay Law
0         0         0         0 * No Audit Data expected or found
Town Council                              Chad Sweatman
1         1         0         0 * All votes cast for this candidate
```

* in this precicnt are optical.

* No Audit Data for optical.

There was no unmatched audit data

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the
tabulation report with the number of ballots cast in the audit data for each candidates in each
precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt),
iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from
the actual report. In the EL30A report all Write-in votes are added together and reported as one
candidate name - Write-in. The EL30A does not report individual Write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical
scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type
of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all
of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used
to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots
cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots
cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as
part of the audit process. That process combines the individual machine data into a master audit
file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine
0counting the number of times a candidate name for a contest appears in a precint we get the number of
votes cast in that precinct for that candidates. That number should always match the number of votes cast
for that candidate in that contest in the iVo column on the EL30A side of the report.

Optical ballots do not have electonically readable audit files. So if the audit data iVotronic total votes
does not match the EL30A iVo value one of two things will occur. The first is if the iVotronic tabulated
is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in
the Audit side of the report; All votes cast for this candidate in this precicnt are optical No Audit
Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data
In the event a candidate or the combined Write-in candidates did not receive any votes in a precinct
the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data,
the following comment will be placed into the audit report by the auditing software; No Audit Data expected or
found.

Finaly the audit software will search the audit data for any votes that were not found on the EL30A report.
If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not
find any unmatched audit data it will report; There was no unmatched audit data

Berkeley Vote Level Audit Exception Report

Precinct Number / Name

	--------------------EL30A----------------	-----Audit-------			
Office					Candidate		Party
| Total Optical iVo Flash | iVo Delta| Comments							

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0031 Moncks Corner 1

0032 Moncks Corner 2

0033 Moncks Corner 3

0034 Moncks Corner 4

0059 Whitesville 1

0067 Fox Bank

0070 Old 52

0750 Absentee

0800 Emergency
Town Council   Jay Law
0   0   0   0 * No Audit Data expected or found
Town Council   Chad Sweatman
0   0   0   0 * No Audit Data expected or found

0850 Failsafe
Town Council   Jay Law
0   0   0   0 * No Audit Data expected or found
Town Council   Chad Sweatman
0   0   0   0 * No Audit Data expected or found

0900 Provisional
Town Council   Jay Law
0   0   0   0 * No Audit Data expected or found
Town Council   Chad Sweatman
1   1   0   0 * All votes cast for this candidate

* in this precicnt are optical.

* No Audit Data for optical.

There was no unmatched audit data

How to read this report.

precinct.

cast for transmission to the tabulation system.

file, the EL155 Vote image log.

found.